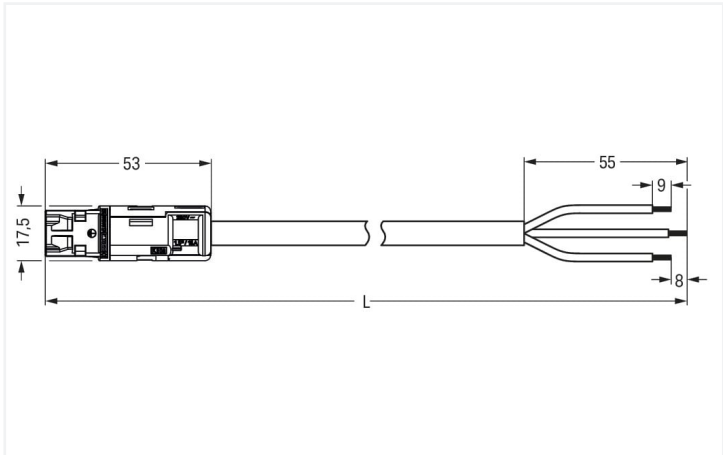




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® RD rated current 16 A

The WINSTA® RD cable assembly rated current 16 A provides the foundation for assembly of solid and fine-stranded conductors. For greater protection in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismatching. The pluggable installation connector offers protection against contact with live components in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). With WINSTA® RD, we have introduced a product line that fits perfectly into bore-holes or conduits thanks to its design. Building safety must be ensured at all times, even after the electrical installation stage. The required safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is provided with a plug and a free end. WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Choose durability and quality – with strain relief hosting from WAGO makes the electrical installation of electrical components visibly easier.

- protection against mismatching eliminates errors
- products perfectly tailored to your requirements guarantee safe use
- with A coding for use in many general mains applications
- ready for immediate use
- rapid, structured electrical installation

Notes		
Note	Cables with a different fire class can be found in the eShop.	

Electrical data					General information	
Ratings per		IEC/EN 60664-1			Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
Overvoltage category	III	III	II			
Pollution degree	3	2	2			
Nominal voltage	250 V	-	-			
Rated surge voltage	4 kV	-	-			
Rated current	16 A	-	-			



Connection data			
Total number of potentials	3	Connection 1	
PE function	Preceding PE contact		
Conductor preparation	ultrasonically tip-bonded		
		Strip length	9 mm / 0.35 inches
		Pole number	3
		Sheathed cable diameter	7.4 ... 9.4 mm
		Wire cross-section	1.5 mm²
		Strip length (outer insulation)	55 mm
		Connection type	Plug - free end

Physical data		
Width		17.5 mm / 0.689 inches
Height		17.5 mm / 0.689 inches
Total length		8 m

Mechanical data		
Use		General mains applications
Coding		A
Variable coding		No
Marking		L N
Mating force of a plug-in connection		Approx. 30 ... 70 N (depending on pole number)
Retention force of a plug-in connection		when locked: > 80N
Unmating force of a plug-in connection		Unlocked: approx. 30 ... 70 N (depending on pole number)
Number of mating cycles		200, without resistive load
Connection type		Plug - free end
Type of pre-assembled cable		Connecting cable
Cable type		H05VV-F 3G1.5
Protection type		IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

Plug-in connection		
Mismating protection		Yes
Note on mismating protection		All <i>WINSTA</i> ® components are 100% protected against mismating when: a.) plugging different numbers of poles b.) plugging while incorrectly rotated c.) plugging while laterally staggered
Locking of plug-in connection		Locking lever

Material data		
Note (material data)		Information on material specifications can be found here
Color		black
Insulation material (main housing)		Polyamide (PA66)
Fire class per EN 50575		E _{ca}
Contact material		Copper or copper alloy; surface-treated
Contact Plating		Tin
Fire load		239.425 MJ
Connector color		black
Strain relief color		black
Sheathed cable color		black
Printing color of sheathed cable		white
Halogen-free		No
Silicon-free		Yes
Sheath material		PVC



Material data	
Rubber cable	No
Weight	790.6 g
Copper weight of the pipe	0.043 kg/m

Environmental requirements	
Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	Cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

Commercial data	
eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 8.0	EC002587
ETIM 7.0	EC002587
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4045454323523
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals		Declarations of conformity and manufacturer's declarations	
CCA CCA KEMA KEUR KEMA KEUR			
Approval	Standard	Certificate Name	
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7969	EU-Declaration of Confor- mity WAGO GmbH & Co. KG
CCA DEKRA Certification B.V.	EN 61984	NTR NL-7848	UK-Declaration of Confor- mity WAGO GmbH & Co. KG
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123229	
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-114944	



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance			↓
774-9993/206-801			

Documentation			
Bid Text			
774-9993/206-801	19.02.2019	xml 2.97 KB	↓
774-9993/206-801	08.01.2015	doc 23.50 KB	↓

CAD/CAE-Data			
CAD data		CAE data	
2D/3D Models		EPLAN Data Portal	↓
774-9993/206-801	↓	774-9993/206-801	
		WSCAD Universe	↓
		774-9993/206-801	
		ZUKEN Portal	↓
		774-9993/206-801	

1 Compatible Products
1.1 Optional Accessories
1.1.1 Cover
1.1.1.1 Cover



Item No.: 897-2001
Protective cap; Type1; for sockets and
plugs; PVC; red